AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A brake assembly comprising:

a caliper having a first brake pad and a second brake pad, said first brake pad movable relative to said caliper;

a brake actuator in communication with said first brake pad, said brake actuator comprising a first threaded member rotatable about a first axis and a second threaded member rotatable about a second axis;

said first threaded member having a first thread characteristic for moving said brake actuator at a first linear speed and a first force by rotation of said first threaded member, said first threaded member encountering a friction level when rotating;

said second threaded member having a second thread characteristic for moving said brake actuator at a second linear speed and a second force by rotation of said second threaded member; and

wherein said first linear speed is greater than said second linear speed and said first force is lower than said second force, said first threaded member configured to stop rotation when said friction level meets a predetermined threshold.

2. (Previously Presented) The brake assembly of Claim 1 wherein said first thread characteristic comprises a first thread pitch and said second thread characteristic comprises a second thread pitch, said first thread pitch being greater than said second thread pitch.

3. (Original) The brake assembly of Claim 2 wherein said caliper has a first hole having threads of about said first thread pitch, said first hole rotatably receiving said first threaded member.

4. (Currently Amended) A brake assembly comprising:

a caliper having a first brake pad and a second brake pad, said first brake pad movable relative to said caliper;

a brake actuator in communication with said first brake pad, said brake actuator comprising a first threaded member rotatable about a first axis and a second threaded member rotatable about a second axis;

said first threaded member having a first thread characteristic for moving said brake actuator at a first linear speed and a first force;

said second threaded member having a second thread characteristic for moving said brake actuator at a second linear speed and a second force;

wherein said first linear speed is greater than said second linear speed and said first force is lower than said second force, and wherein said first threaded member has a second hole having threads of about said second thread pitch, said second hole rotatably receiving said second threaded member.

5. (Original) The brake assembly of Claim 1 wherein said first axis is coaxial with said second axis.

6. (Original) The brake assembly of Claim 5 wherein said first threaded member is coupled for axial movement with said second threaded member.

7. (Currently Amended) The brake assembly of Claim 6 wherein said second threaded member is decoupled from axial movement with said first threaded member when said predetermined threshold is met.

8. (Currently Amended) The brake assembly of Claim 7 wherein said friction level reaches said predetermined threshold due to a reaction force from at least one of said first brake pad and said second brake pad on said brake actuator.

9. (Original) The brake assembly of Claim 1 including an electric motor for driving at least one of said first threaded member and said second threaded member.

10. (Previously Presented) A brake assembly, comprising:

a brake;

a brake actuator in communication with said brake;

a first drive mechanism for driving said brake actuator, said first drive mechanism having a first linear speed and a first force; and

a second drive mechanism for driving said brake actuator, said second drive mechanism having a second linear speed and a second force wherein said first linear speed is faster than said second linear speed and said first force is lower than said second force, wherein said second drive mechanism is configured to drive said brake actuator as a consequence of said brake engaging said brake actuator.

11. (Previously Presented) The brake assembly of Claim 10 wherein said first drive mechanism comprises a first threaded member having a first thread characteristic and said second drive mechanism comprises a second threaded member having a second thread characteristic, said first thread characteristic being different from said second thread characteristic.

12. (Previously Presented) The brake assembly of Claim 11 wherein said first thread characteristic comprises a first thread pitch and said second thread characteristic comprises a second thread pitch, said first thread pitch being greater than said second thread pitch.

13. (Previously Presented) A brake assembly, comprising:

a brake;

a brake actuator in communication with said brake;

a first drive mechanism for driving said brake actuator, said first drive mechanism having a first linear speed and a first force; and

a second drive mechanism for driving said brake actuator, said second drive mechanism having a second linear speed and a second force wherein said first linear speed is faster than said second linear speed and said first force is lower than said second force;

wherein said first drive mechanism comprises a first threaded member having a first thread characteristic and said second drive mechanism comprises a second threaded member having a second thread characteristic, said first thread characteristic different from said second thread characteristic;

wherein said first thread characteristic comprises a first thread pitch and said second thread characteristic comprises a second thread pitch, said first thread pitch greater than said second thread pitch; and

a first threaded body having a first hole with threads of about said first thread pitch and a second threaded body having a second hole with threads of about said second thread pitch, said first hole rotatably receiving said first threaded member and said second hole rotatably receiving said second threaded member.

14. (Previously Presented) The brake assembly of Claim 13 wherein said second threaded body is said first threaded member.

15. (Previously Presented) The brake assembly of Claim 13 wherein a first rotational friction level exists between said first threaded member and said first threaded body and a second rotational friction level exists between said second threaded member and said second threaded body, said first rotational friction level initially being less than said second rotational friction level.

16. (Original) The brake assembly of Claim 10 wherein said first drive mechanism is sequentially operable relative to said second drive mechanism.

17. (Previously Presented) The brake assembly of Claim 10 including an electric motor coupled to said second drive mechanism.

18. (Currently Amended) A method of braking, comprising the steps of:

a) moving a brake actuator at a first linear speed and at a first force;

b) moving the brake actuator at a second linear speed and at a second force; and

c) applying the brake actuator to a brake pad wherein the first linear speed is faster than the second linear speed and the first force is less than the second force wherein step b) occurs after a predetermined frictional threshold is reached, created by a reaction force from the brake pad on the brake actuator.

19. (Original) The method of braking of Claim 18 wherein step a) occurs prior to step b).

20. (Cancelled)

21. (Previously Presented) The brake assembly of claim 1 wherein said first threaded member is coupled for movement with said second threaded member.

22. (Currently Amended) The brake assembly of claim 21 wherein said second threaded member is decoupled from movement with said first threaded member when said predetermined threshold is met.

23. (Previously Presented) The brake assembly of claim 10 wherein said brake is configured to create a force on said brake actuator to cause said second drive mechanism to drive said brake actuator.